

RUDRAPRASAD CONSULTANTS

Structural Engineers, Architects &
Project Management Consultants



To,

Date: 30-09-2020

ASSISTANT EXECUTIVE ENGINEER

PROJECT SUB DIVISION,

YELAHANKA ZONE

BBMP

BANGALORE

Dear Sir,

Sub: M/s. Rudraprasad Consultants Services for the work of **CONSTRUCTION OF INDOOR STADIUM WITH ALL AMENITIES AT SAHAKARNAGAR IN WARD NO.08 KODIGEHALI, KODIGEHALI SUB DIVISION.**

Ref: 1. Work Order No: EE(Project)/ynk Zone/WO/114/2017-18

2. Job Code: 008-16-000036

We are here with forwarding to Sri Abbu Sambasiva Reddy #1-B-3, Sree Arcade Layout 4th Block, DB sandra, Vidyananyapura, Bangalore-560097. Fourth and Part Bill duly verified and certified that the work is satisfactory and for a Gross Value of Rs. 1,60,18,018.00/- (Rs. One Crore Sixty Lakhs Eighteen Thousand and Eighteen Only). First and Part bill for Rs. 1,63,94,860.00/- were previously submitted, Second and Part bill for Rs. 89,52,672.00/- were previously submitted, Third and Part bill for Rs. 83,56,185.00/- were previously submitted & the total bill amount submitted till date being Rs. 4,97,21,735.00/- (Rs. Four Crore Ninety Seven lakhs Twenty One Thousand Seven Hundred and Thirty Five Only).

Thanking you,

Yours faithfully,

For Rudraprasad Consultants

R. KARTHIK RECHAN B.E, M.S (U.S.A)

AUTHORIZED SIGNATORY
RUDRAPRASAD CONSULTANTS

Attachments: PMC Compliance report

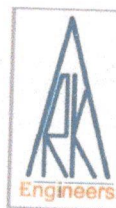
#3, 7th Main Malleswaram, Bangalore – 560003

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**NAME OF WORK:- CONSTRUCTION OF INDOOR STADIUM WITH ALL AMENITIES AT
SAHAKARNAGAR IN WARD NO.08 KODIGEHALLI, KODIGEHALLI SUB DIVISION**

Name of Client : EXECUTIVE ENGINEER, PROJECT DIVISION, YELAHANKA
ZONE, BBMP, BANGALORE

Contractor/ Agency: Sri Abbu Sambasiva Reddy #1-B-3, Sree Arcade Layout 4th Block, DB
sandra, Vidyanarayapura, Bangalore-560097

Total Cost : RS. 1,60,18,018.00/-

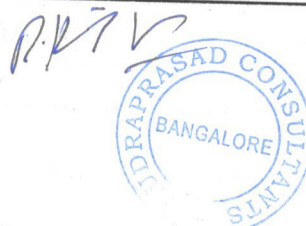
Date Of Inspection : 30-09-20

Status Of Bill : Fourth & Part Bill

In the Presence of :
a) Assistant Engineer Project Sub division, Yelahanka Zone, BBMP,
Bangalore
b) R. Karthik Rechan, Partner, M/S RUDRAPRASAD CONSULTANTS,
BANGALORE

PMC COMPLIANCE REPORT		
Sl. No.	Description of work	Comments/Observations
2	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory

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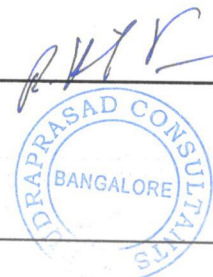
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7	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications and as per the directions of the Engineer-in-charge of the work.	Work done upto the Billed Quantity and the Quality is satisfactory
8	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stone chiseled in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work.	Work done upto the Billed Quantity and the Quality is satisfactory
10	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications and as per the directions of the Engineer-in-charge of the work.	Work done upto the Billed Quantity and the Quality is satisfactory
14	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification and as per directions of Engineer in charge of the work (Second Floor)	Work done upto the Billed Quantity and the Quality is satisfactory

Signature



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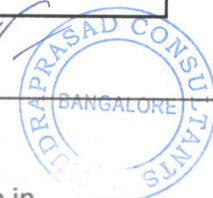
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24	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons and as per directions of Engineer in charge of the work (Ground Floor)	Work done upto the Billed Quantity and the Quality is satisfactory
25	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons and as per directions of Engineer in charge of the work (First Floor)	Work done upto the Billed Quantity and the Quality is satisfactory
26	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons and as per directions of Engineer in charge of the work (Second Floor)	Work done upto the Billed Quantity and the Quality is satisfactory
33	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc. , including edges including cost of all materials, labour complete as per specificaiton and as per directions of Engineer in charge of the work (Headroom)	Work done upto the Billed Quantity and the Quality is satisfactory

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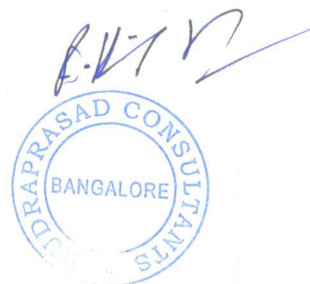
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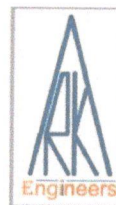
34	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates @ 0.47cum, with superplasticiser @3lts confirming to IS 9103-1999 Reaffirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and First Floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications	Work done upto the Billed Quantity and the Quality is satisfactory
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35	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70cum and fine aggregates @ 0.47cum, with superplasticiser @ 3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground Floor level for roof slabs, staircase, lintels, beams, retaining walls, return wall, walls (an thick ness) including attached plasters, columns, pillars, posts, struts, butters, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets including cost of all materials, labour, HOM of machinery, curing, complete as per specifications and as per directions of Engineer in charge of the work (Ground Floor).	Work done upto the Billed Quantity and the Quality is satisfactory
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37	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70cum and fine aggregates @ 0.47cum, with superplasticiser @ 3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground Floor level for roof slabs, staircase, lintels, beams, retaining walls, return wall, walls (an thick ness) including attached plasters, columns, pillars, posts, struts, butters, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets including cost of all materials, labour, HOM of machinery, curing, complete as per specifications and as per directions of Engineer in charge of the work (Second Floor)	Work done upto the Billed Quantity and the Quality is satisfactory
39	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges) Ready mixed cement for concrete for beams, staircase, and roof with M-25	Work done upto the Billed Quantity and the Quality is satisfactory

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42	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregates @ 0.391cum, with superplasticiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications and as per directions of Engineer in charge of the work (Headroom)	Work done upto the Billed Quantity and the Quality is satisfactory
45	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and as per directions of Engineer in charge of the work (Ground Floor)	Work done upto the Billed Quantity and the Quality is satisfactory

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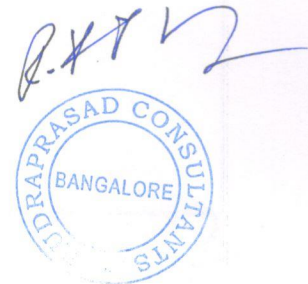
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46	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and as per directions of Engineer in charge of the work (First Floor)	Work done upto the Billed Quantity and the Quality is satisfactory
47	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and as per directions of Engineer in charge of the work (Second Floor)	Work done upto the Billed Quantity and the Quality is satisfactory

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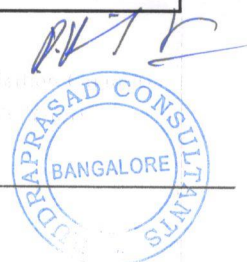
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49	Providing and constructing load bearing wall with precast solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4, as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications and as per directions of Engineer in charge of the work (Ground Floor)	Work done upto the Billed Quantity and the Quality is satisfactory
50	Providing and constructing load bearing wall with precast solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4, as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications and as per directions of Engineer in charge of the work (First Floor)	Work done upto the Billed Quantity and the Quality is satisfactory
51	Providing and constructing load bearing wall with precast solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4, as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications and as per directions of Engineer in charge of the work (Second Floor)	Work done upto the Billed Quantity and the Quality is satisfactory

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53	Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m ³ having a minimum average compressive strength of 4.00 N/mm ² conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications and as per directions of Engineer in charge of the work (Ground Floor)	Work done upto the Billed Quantity and the Quality is satisfactory
54	Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m ³ having a minimum average compressive strength of 4.00 N/mm ² conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications and as per directions of Engineer in charge of the work (First Floor)	Work done upto the Billed Quantity and the Quality is satisfactory
55	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer in charge of the work (Ground Floor)	Work done upto the Billed Quantity and the Quality is satisfactory
56	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer in charge of the work (First Floor)	Work done upto the Billed Quantity and the Quality is satisfactory

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57	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer in charge of the work (Ground Floor)	Work done upto the Billed Quantity and the Quality is satisfactory
58	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer in charge of the work (First Floor)	Work done upto the Billed Quantity and the Quality is satisfactory
59	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer in charge of the work (Second Floor)	Work done upto the Billed Quantity and the Quality is satisfactory
61	Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadoing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer in charge of the work (Ground Floor)	Work done upto the Billed Quantity and the Quality is satisfactory
62	Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadoing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer in charge of the work (First Floor)	Work done upto the Billed Quantity and the Quality is satisfactory

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63	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer in charge of the work	Work done upto the Billed Quantity and the Quality is satisfactory
69	Providing and laying Hassan Green granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, curing etc.,complete and as per directions of Engineer in charge of the work (Ground Floor)	Work done upto the Billed Quantity and the Quality is satisfactory
70	Providing and laying Hassan Green granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, curing etc.,complete and as per directions of Engineer in charge of the work (First Floor)	Work done upto the Billed Quantity and the Quality is satisfactory
71	Providing and laying Hassan Green granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, curing etc.,complete and as per directions of Engineer in charge of the work (Second Floor)	Work done upto the Billed Quantity and the Quality is satisfactory

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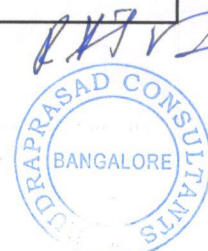
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72	Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, complete as per specifications and as per directions of Engineer in charge of the work(Ground Floor)	Work done upto the Billed Quantity and the Quality is satisfactory
73	Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, complete as per specifications and as per directions of Engineer in charge of the work (First Floor)	Work done upto the Billed Quantity and the Quality is satisfactory
76	Providing and fixing 20mm thick gang saw water cut sadarhalli grey granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, grooves in joints including cost of curing.minimum width of 1200mm and complete as per specifications and as per directions of Engineer in charge of the work (Ground Floor)	Work done upto the Billed Quantity and the Quality is satisfactory

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77	Providing and fixing 20mm thick gang saw water cut sadarthalli grey granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, grooves in joints including cost of curing, minimum width of 1200mm and as per directions of Engineer in charge of the work (First Floor)	Work done upto the Billed Quantity and the Quality is satisfactory
86	Providing and fixing skirting of 300mm high using prepolished water cut/gang saw of 19mm thick grey granite 0.5mm wide chamfered width and depth and fixing in CM 1:4 of 20mm thick after chipping the wallsetc., complete as per specifications and as per directions of Engineer in charge of the work (Ground Floor)	
87	Providing and fixing skirting of 300mm high using prepolished water cut/gang saw of 19mm thick grey granite 0.5mm wide chamfered width and depth and fixing in CM 1:4 of 20mm thick after chipping the wallsetc., complete and as per directions of Engineer in charge of the work (First Floor)	
90	Providing half nosing for 20mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification and as per directions of Engineer in charge of the work (Ground Floor)	
91	Providing half nosing for 20mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification and as per directions of Engineer in charge of the work (First Floor)	

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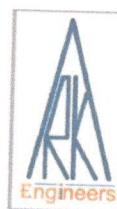
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96	Fixing of door frames in an existing opening including embedding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour, complete as per specifications and as per directions of Engineer in charge of the work	
97	Providing Teak wood frames of doors, windows, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications and as per directions of Engineer in charge of the work	
98	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames , wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications and as per directions of Engineer in charge of the work	
112	Providing and installing of Self Supporting structure for roofing, complete as per specifications and as per directions of Engineer in charge of the work	
E5	Providing and fixing M.S. grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications and as per directions of Engineer in charge of the work	

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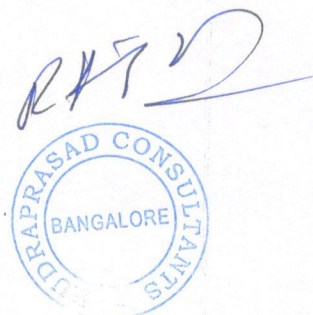
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E6	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications and as per directions of Engineer in charge of the work	
E7	Fabricating, supplying & erecting M.S. angular Truss of span upto 10m. The bottom & top member is provided with 50x50x6mm double equal angles, welded back to back and in between top & bottom line, in areas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined members and at supporting ends 40x40x5mm single angle is provided. All the members are welded together with 6mm gusset plate as per Drawing No.CBS/ SD/K-Mantap/9/MND/97. The entire truss is anchored in RCC column by using 4 Nos. of M.S. anchor bolts at each support, with 10mm thick base plate and shoe plate.The work includes cutting, straightening, placing in position of M.S angle and welding wherever necessary, and applying one coat of red oxide primer coat to all the members including cost of all materials, labour charges, & hire charges of machineries for cutting, welding, grinding & erection equipments, etc., complete as per specifications and as per directions of Engineer in charge of the work	

Signature



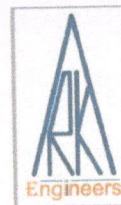
#3, 7th Main Malleswaram, Bangalore – 560003

Telefax: 9180 23444801, Mobile: 91 9972924526

Web: www.arkengineers.com e-mail: rechan6630@yahoo.co.in

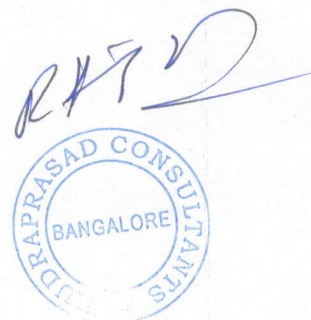
RUDRAPRASAD CONSULTANTS

Structural Engineers, Architects &
Project Management Consultants



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